

What is Claimed is:

1. A data communication system comprising:
  - a first manager for allocating a first time slot to a first network; and
  - a second manager for allocating a second time slot to a second networksuch that one of the first time slot or the second time slot begins a short time before the other of the first time slot or the second time slot begins wherein data is transmitted between the second network and the first network during the first time slot or the second time slot.
2. The system of claim 1, wherein the first network or the second network is a cable network.
3. The system of claim 1, wherein the first network or the second network is a home network.
4. The system of claim 1, wherein the first network and the second network are home networks.
5. The system of claim 1, wherein the first time slot and the second time slot do not overlap.
6. The system of claim 1, wherein the second time slot begins a short time before the first time slot begins.
7. The system of claim 6, wherein one or more devices is connected to the second network.
8. The system of claim 7, wherein one or more of the devices begin transmitting data to the second network a short time before the second time slot begins.

9. The system of claim 1, wherein the first time slot begins a short time before the second time slot begins.

10. The system of claim 9, wherein one or more devices is connected to the first network.

11. The system of claim 10, wherein one or more of the devices begin transmitting data to the first network a short time before the first time slot begins.

12. A method for the transmission of data comprising:

allocating a first time slot to a first network; and

allocating a second time slot to a second network such that one of the first time slot or the second time slot begins a short time before the other of the first time slot or the second time slot begins wherein data is transmitted between the second network and the first network during the first time slot or the second time slot.

13. The method of claim 12, wherein the first network or the second network is a cable network.

14. The method of claim 12 wherein the first network or the second network is a home network.

15. The method of claim 12, wherein the first network and the second network are home networks.

16. The method of claim 12, wherein the first time slot and the second time slot do not overlap.

17. The method of claim 12, wherein the second time slot begins a short time before the first time slot begins.

18. The method of claim 17, further comprising allocating a third time slot to one or more devices connected to the second network for transmitting data from one or more of the devices to the second network such that the third time slot begins a short time before the second time slot begins.

19. The method of claim 12, wherein the first time slot begins a short time before the second time slot begins.

20. The method of claim 19, further comprising allocating a third time slot to one or more devices connected to the first network for transmitting data from one or more of the devices to the first network such that the third time slot begins a short time before the first time slot begins.

21. A multi-network data communication system having a cable network and a home network, said system comprising:

a first manager for allocating a first time slot to the cable network for transmission of data; and

a second manager for allocating a second time slot to the home network for transmission of data from the home network to the cable network such that the second time slot is a short time before the first time slot.

22. A method for synchronizing a cable network and a home network comprising:

allocating a first time slot to the cable network for transmission of data; and

allocating a second time slot to the home network for transmission of data from the home network to the cable network such that the second time slot is a short time before the first time slot.